

**ABSTRACT**

A shrink film comprising a polyethylene film, characterized in that said polyethylene is an ethylene copolymer mixture having a molecular weight distribution in the range 10 to 35, a density of 915 to 940 kg/m<sup>3</sup>, a weight average molecular weight of at least 100000 D and an MFR<sub>2.16</sub>(190 °C) of 0.1 to 0.9 kg/m<sup>3</sup>, which copolymer mixture is produced by a two or more stage copolymerization of ethylene and 2 to 10 % mole (relative to ethylene) of a C<sub>3-12</sub> alpha-olefin comonomer in a series of reactors including at least one slurry loop reactor and at least one gas phase reactor using a heterogeneous Ziegler-Natta catalyst.